



STATE OF UTAH  
NATURAL RESOURCES  
Oil, Gas & Mining

Norman H. Bangerter, Governor  
Dee C. Hansen, Executive Director  
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

November 9, 1987

TO: Board of Oil, Gas and Mining  
THRU: Kenneth E. May, Associate Director, Mining *KE May*  
THRU: Lowell P. Braxton, Program Administrator  
FROM: Frank R. Jensen, Revegetation Specialist *Frank Jensen*  
RE: Request for Concurrence on Form and Amount of Surety,  
Ideal Cement Company, Devil's Slide Mine, M/029/001,  
Morgan County, Utah *CH*

Attached for your review are the following documents:

1. An Executive Summary of the subject operation
2. The Division's Reclamation Surety Estimate of \$141,000 (1992 dollars)
3. A copy of the Reclamation Bond submitted by the operator in the amount of \$141,000

The Division seeks the Board's concurrence on the form and amount of surety for this project.

FRJ/clj  
Attachments  
cc: Mine File  
1252R/44



## EXECUTIVE SUMMARY

Mine Name:	<u>Devil's Slide</u>	I.D. No.	<u>ACT/029/001</u>
Operator:	<u>Ideal Basic Industries Inc.</u>	County:	<u>Morgan</u>
	<u>Auxiliary Route No. 3</u>	New/Existing:	<u>New</u>
	<u>Morgan Utah, 84050</u>	Mineral Ownership:	<u>Private</u>
Telephone:	<u>(801) 829-3421</u>	Surface Ownership:	<u>Private</u>
Contact Person:	<u>L. B. Giles</u>	Lease No.(s):	<u>NA</u>
Life of Mine:	<u>50 years</u>	Permit Term:	<u>5 years</u>
Legal Description:	<u>Township 4 North, Range 3 East, Section 24</u>		
Mineral(s) to be Mined:	<u>Limestone and Sandstone</u>		
Mining Methods:	<u>Surface Mine</u>		
Acres to be Disturbed:	<u>148.5</u>		
Present Land Use:	<u>Wildlife and Mining</u>		
Postmining Land Use:	<u>Wildlife</u>		
Variances from Reclamation Standards (Rule M-10) Granted:	<u>M-10-(12) - Won't seed rock outcrops.</u>		

### Soils and Geology:

Soil Description: Mountain loams - well drained

pH: 8.0-8.5

Special Handling Problems: Parts of area are very steep.

Geology Description: Limestone - sandstone outcrop.

### Hydrology:

Ground Water Description: No ground water has been encountered.

Surface Water Description: The existing ephemeral channels handle the runoff satisfactorily.

Water Monitoring Plan: There is an existing EPA Discharge Permit #000159.

### Ecology:

Vegetation Type(s); Dominant Species: Bluebunch wheatgrass, bitterbrush, muttongrass.

Percent Surrounding Vegetative Cover: 40% - except for rock outcrops.

Wildlife Concerns: None - Is deer winter range.

Surface Facilities: Garage and powder house will be removed.

Mining and Reclamation Plan Summary: See attached summary.

### Surety:

Amount: \$141,000  
Form: Bond  
Renewable Term: 5 years (1992 dollars)



Attachment

Mining and Reclamation Plan Summary  
Ideal Basic Industries  
Devil's Slide Mine  
ACT/029/001

November 3, 1987

During Operation

There are 148.5 acres of land being disturbed and used for mining of limestone and sandstone in this operation. The primary product produced is cement. The mined area is very steep.

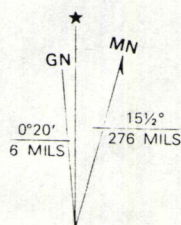
Following Operations

All disturbed areas except the solid rock outcrops will be shaped and reseeded. The soils are good in this area, and there is over fifteen inches of precipitation, so revegetation will not be difficult.

Equipment, buildings, and debris will be removed from the site.

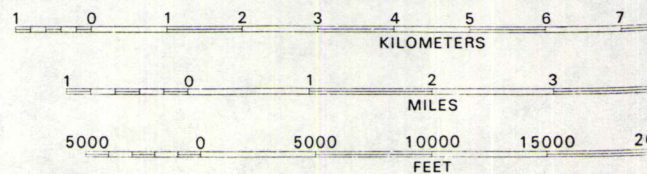
FRJ/clj  
1252R/46





UTM GRID AND 1978 MAGNETIC NORTH  
DECLINATION AT CENTER OF MAP

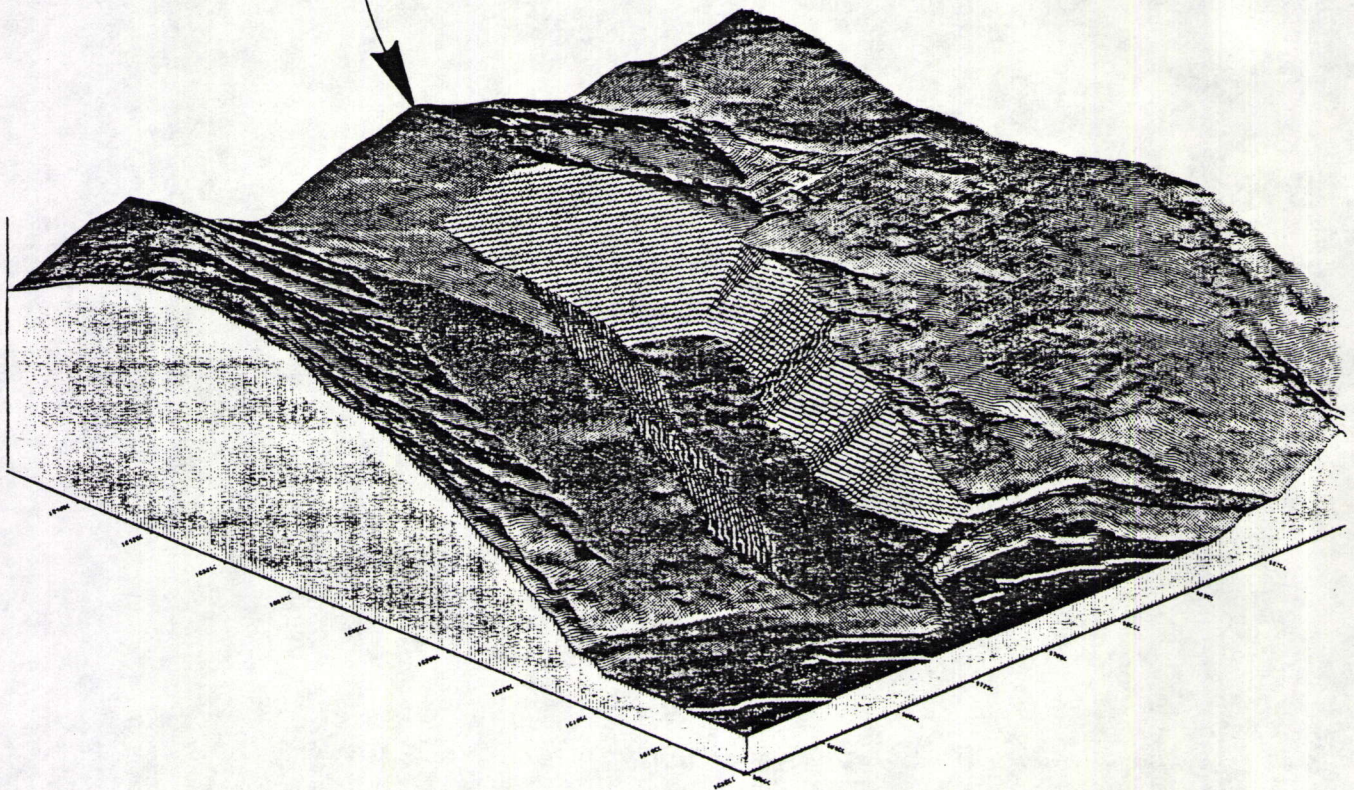
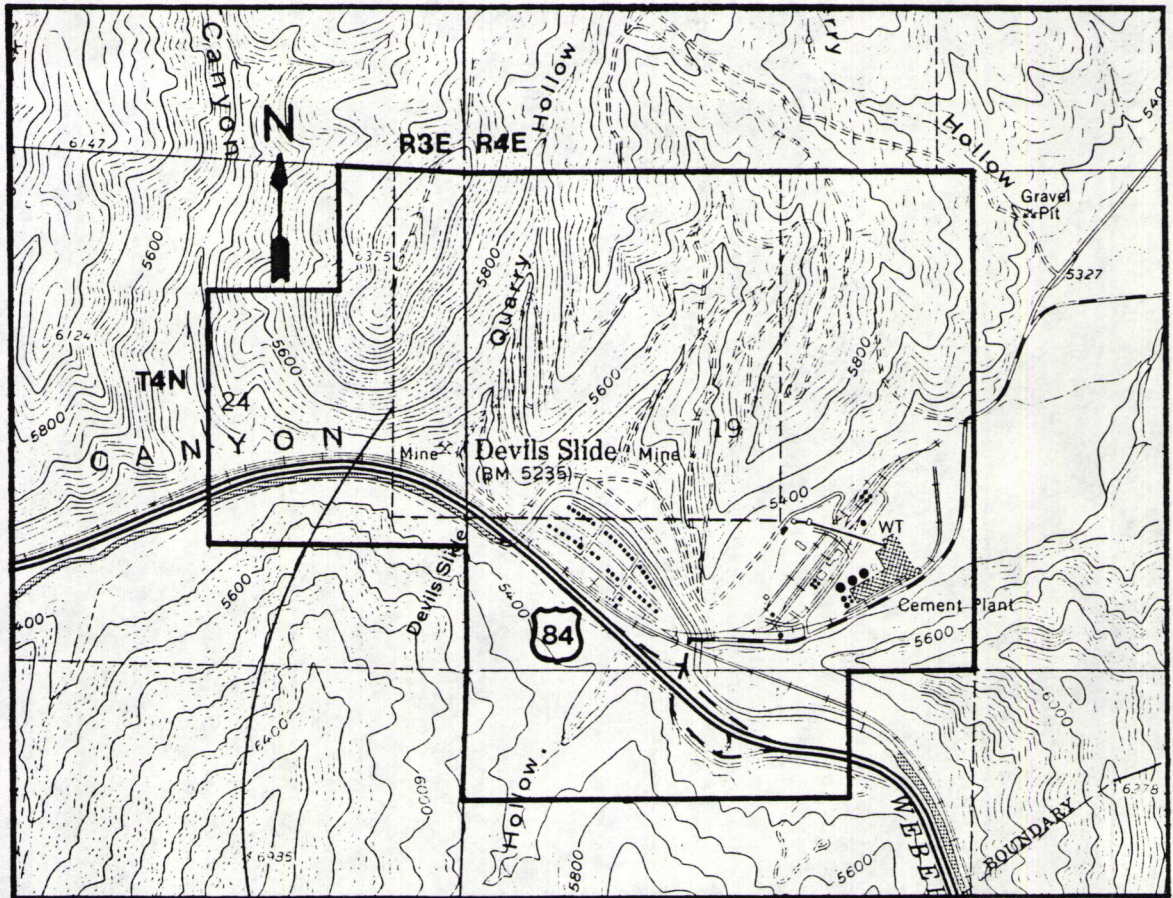
SCALE 1:100 000



ELEVATIONS SHOWN IN METERS  
NATIONAL GEODETIC VERTICAL DATUM OF 1929



# IDEAL



SECTION OF USGS DEVIL'S SLIDE QUADRANGLE SHOWING PROPERTY BOUNDARY  
AND COMPUTER MODEL OF QUARRY AREA

A «Holderbank» Group Company





STATE OF UTAH  
NATURAL RESOURCES  
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355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 1, 1987

TO: Frank R. Jensen, Permit Lead  
FROM: Frank J. Filas, Reclamation Engineer  
RE: Revised Reclamation Bond Estimate, Devil's Slide Quarry,  
M/029/001

Attached is a revised bond estimate for the Devil's Slide Quarry. I spoke with Mr. Chad Green of Ideal Basic yesterday, and we agreed that scarification of the steep slopes was not feasible and that contractor quotes would be used for equipment and revegetation costs. The revised bond estimate is in the amount of \$141,000 (1992 dollars).

clj  
1243R/96



REVISED BOND ESTIMATE  
DEVIL'S SLIDE QUARRY - M/029/001

<u>ITEM</u>	<u>QUANTITY</u>	<u>UNIT COST</u>	<u>COST</u>
<u>Demolition and Removal</u>			
Removal of Structures	433 yds <sup>3</sup>	\$ 4.59/yd <sup>3</sup>	\$ 2,000
Removal of Trash and Debris	100 yds <sup>3</sup>	5.10/yd <sup>3</sup>	500
Road Leveling	50 hrs	140.00/hr	7,000
<u>Earthwork</u>			
Grade Waste Material	130 hrs	140.00/hr	18,200
<u>Revegetation</u>			
Soil Testing	10 samples	100.00/ea	1,000
Revegetation	78.7 acres	600.00/acre	47,200
<u>Channel Construction</u>			
Tractor and Laborer	28 hrs	91.00/hr	2,500
Filter and Riprap	920 tons	11.00/ton	10,100
<u>Engineering and Supervision</u>			
Foreman	240 hrs	33.65/hr	8,100
Technical Staff	300 hrs	30.00/hr	9,000
<u>Maintenance and Monitoring</u>			
Revegetation of Twenty Percent of Area	16 acres	600.00/acre	9,600
Periodic Monitoring	5 visits	200.00/ea	<u>1,000</u>
Subtotal			\$116,200
Ten Percent Contingency			<u>11,600</u>
			<u>\$127,800</u>
Total in 1992 dollars (2% inflation for 5 years)			\$141,000

clj  
1243R/97



**IDEAL**

November 3, 1987

Mr. Lowell P. Braxton, Administrator  
STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS & MINING  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203

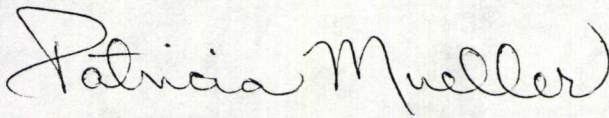
Re: Bond for Devil's Slide Cement Plant Quarry, ACT/029/001  
Morgan County, Utah

Dear Mr. Braxton:

Enclosed please find Bond No. [redacted] in the amount of \$141,000 as revised per discussion between Mr. Chad Green of our Devil's Slide plant and Mr. Frank Jensen of your office and confirmed in Mr. Jensen's October 5th letter to Mr. Giles, the plant manager at Devil's Slide. The description of the affected quarry is described in the Bond's exhibit "A" attached. Please place the bond on file.

I trust everything is in order, but if you have any questions or problems, please contact me.

Sincerely,



Patricia Mueller  
Insurance Administrator

PM:

Enclosure

cc: Chad Green, Devil's Slide

RECEIVED  
NOV 5 1987

DIVISION OF OIL  
& GAS



(August 1986)  
(Noncoal)Bond Number \_\_\_\_\_  
Permit Number ACT/029/001  
Mine Name Devil's SlideSTATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING  
355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
(801) 538-5340

## THE MINED LANDS RECLAMATION ACT

BOND  
\*\*\*\*\*

The undersigned IDEAL BASIC INDUSTRIES  
as principal, and SAFECO INSURANCE COMPANY OF AMERICA as  
surety, hereby jointly and severally bind ourselves, our heirs, administrators,  
executors, successors and assigns unto the State of Utah, Division of Oil, Gas  
and Mining in the penal sum of One hundred forty-one thousand and 00/100  
-----dollars (\$ 141,000.00 ).

The principal estimated in the Mining and Reclamation Plan filed with the  
Division of Oil, Gas and Mining on the 19th day of May,  
19 87, that 148.5 acres of land will be disturbed by this mining  
operation in the State of Utah. A description of the disturbed land is  
attached hereto as Exhibit "A".

When the Division has determined that the principal has satisfactorily  
reclaimed the above-mentioned lands affected by mining in accordance with the  
approved Mining and Reclamation Plan and has faithfully performed all  
requirements of the Mined Land Reclamation Act, and complied with the Rules and  
Regulations adopted in accordance therewith, then this obligation shall be  
void; otherwise it shall remain in full force and effect until the reclamation  
is completed as outlined in the approved Mining and Reclamation Plan.

If the approved plan provides for reclamation of the land affected on a  
piecemeal or cyclic basis, and the land is reclaimed in accordance with such  
plan, then this bond may be reduced periodically.

In the converse, if the plan provides for a gradual increase in the area of  
the land affected or increased reclamation work, then this bond may accordingly  
be increased with the written approval of the surety company.

This bond is noncancellable by the surety at any time for any reason  
including, but not limited to nonpayment of premium or bankruptcy of the  
permittee during the period of liability.



Page 2  
NONCOAL  
MR-5


NOTE: Where one signs by virtue of Power of Attorney for a surety company, such Power of Attorney must be filed with this bond. If the principal is a corporation, the bond shall be executed by its duly authorized officer.

Dated this 21st day of October, 1987.

State of Utah  
Board of Oil, Gas and Mining

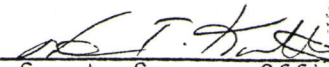
  
Gregory P. Williams, Chairman

IDEAL BASIC INDUSTRIES  
Principal (Company)

By   
Company Officer - Position  
M. J. Gittelman, Treasurer

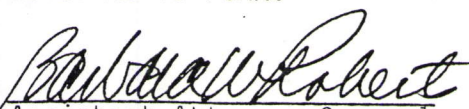
Date: 11-2-87

SAFECO INSURANCE COMPANY OF AMERICA  
Surety (Company)

By   
Surety Company Officer - Position  
Vera T. Kalba, Attorney-in-Fact

DATE: 10/21/87

APPROVED AS TO FORM:

By   
Assistant Attorney General

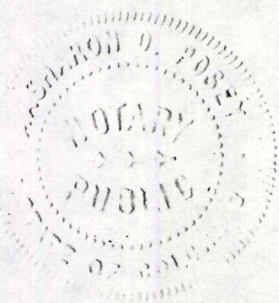


AFFIDAVIT OF QUALIFICATION

Vera T. Kalba, being first duly sworn, on oath deposes and says that he/she is the (officer or agent) Agent of said Surety Company, and that he/she is duly authorized to execute and deliver the foregoing obligations; that said Surety Company is authorized to execute the same and has complied in all respects with the laws of Utah in reference to becoming sole surety upon bonds, undertakings and obligations.

(Signed) *Vera T. Kalba* Attorney-in-Fact  
Surety Company Officer - Position

Subscribed and sworn to before me this 21st day of October, 1987.



*Sharon D. Posey*  
Notary Public

My Commission Expires:

November 28, 1988.





POWER  
OF ATTORNEY

SAFECO INSURANCE COMPANY OF AMERICA  
HOME OFFICE: SAFECO PLAZA  
SEATTLE, WASHINGTON 98185

No. \_\_\_\_\_

KNOW ALL BY THESE PRESENTS:


That **SAFECO INSURANCE COMPANY OF AMERICA**, a Washington corporation, does hereby appoint


--LeROY A. LOSEKE; PATRICIA A. PHILLIPS; KELLY A. FISHBACK; VERA T. KALBA;  
MaSHARON D. POSEY, Denver, Colorado-----

its true and lawful attorney(s)-in-fact, with full authority to execute on behalf of the company fidelity and surety bonds or undertakings and other documents of a similar character issued by the company in the course of its business, and to bind **SAFECO INSURANCE COMPANY OF AMERICA** thereby as fully as if such instruments had been duly executed by its regularly elected officers at its home office.

IN WITNESS WHEREOF, **SAFECO INSURANCE COMPANY OF AMERICA** has executed and attested these presents

this 2nd day of May, 1986.

  
Boh A. Dickey, Secretary

  
J.W. Cannon, President

CERTIFICATE

Extract from the By-Laws of **SAFECO INSURANCE COMPANY OF AMERICA**:

"Article V, Section 13. — FIDELITY AND SURETY BONDS . . . the President, any Vice President, the Secretary, and any Assistant Vice President appointed for that purpose by the officer in charge of surety operations, shall each have authority to appoint individuals as attorneys-in-fact or under other appropriate titles with authority to execute on behalf of the company fidelity and surety bonds and other documents of similar character issued by the company in the course of its business . . . On any instrument making or evidencing such appointment, the signatures may be affixed by facsimile. On any instrument conferring such authority or on any bond or undertaking of the company, the seal, or a facsimile thereof, may be impressed or affixed or in any other manner reproduced; provided, however, that the seal shall not be necessary to the validity of any such instrument or undertaking."

Extract from a Resolution of the Board of Directors of  
**SAFECO INSURANCE COMPANY OF AMERICA** adopted July 28, 1970.

"On any certificate executed by the Secretary or an assistant secretary of the Company setting out,

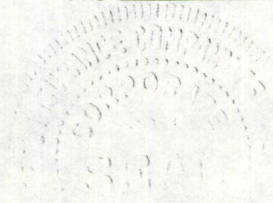
- (i) The provisions of Article V, Section 13 of the By-Laws, and
- (ii) A copy of the power-of-attorney appointment, executed pursuant thereto, and
- (iii) Certifying that said power-of-attorney appointment is in full force and effect,

the signature of the certifying officer may be by facsimile, and the seal of the Company may be a facsimile thereof."

I, Boh A. Dickey, Secretary of **SAFECO INSURANCE COMPANY OF AMERICA**, do hereby certify that the foregoing extracts of the By-Laws and of a Resolution of the Board of Directors of this corporation, and of a Power of Attorney issued pursuant thereto, are true and correct, and that both the By-Laws, the Resolution and the Power of Attorney are still in full force and effect.

IN WITNESS WHEREOF, I have hereunto set my hand and affixed the facsimile seal of said corporation

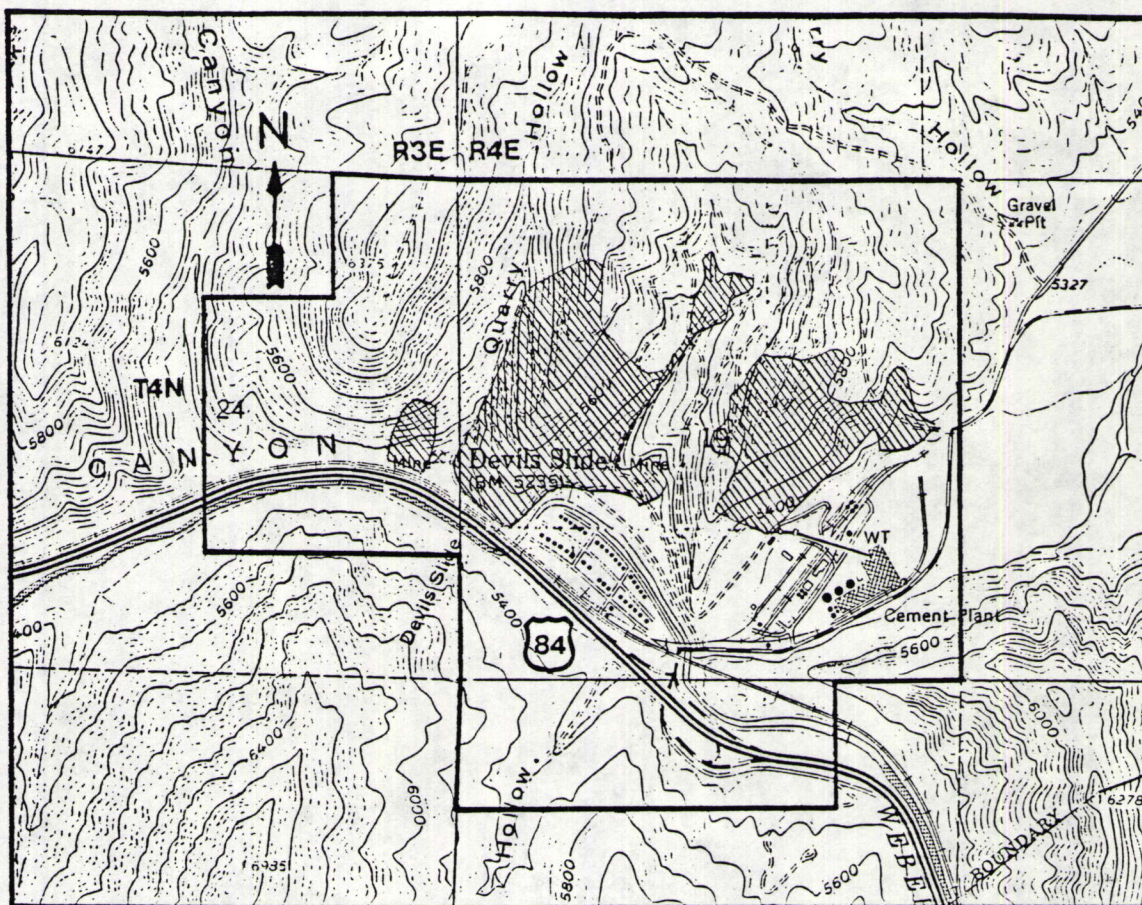
this 21st day of October, 1987.



  
Boh A. Dickey, Secretary



SECTION OF USGS DEVIL'S SLIDE QUADRANGLE SHOWING PROPERTY BOUNDARY



DISTURBED AREA

Township 4N Range 4E Section 19

Acres

SE1/4 NE1/4	9
SW1/4 NE1/4	21
NW1/4 NE1/4	3
NE1/4 SE1/4	5
NW1/4 SE1/4	23
NE1/4 SW1/4	11
NW1/4 SW1/4	28
NE1/4 NW1/4	2
SE1/4 NW1/4	12
SW1/4 NW1/4	24
NW1/4 NW1/4	5

Township 4N Range 3E Section 24

Acres

SE1/4 NE1/4	2.5
NE1/4 SE1/4	3

TOTAL

148.5